

**CARDIAC OPTIMIZATION THROUGH LOW-FREQUENCY ANALYSIS
OF HEMODYNAMIC VARIABLES**

ABSTRACT OF THE DISCLOSURE

A parameter in an implantable cardiac therapy device (ICTD) is optimized based on analysis of a hemodynamic signal. The method includes receiving a hemodynamic signal; filtering the hemodynamic signal data to isolate low frequency data present therein; and sampling the low frequency data according to a sampling algorithm. The parameter is optimized in the ICTD based on an analysis of the sampled low frequency data.

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